

**Reading:**

Haustein E. and P. Schwille. 2004. Single-molecule spectroscopic methods. *Curr Opin Struct Biol* 14:531-540

Copies of the selected pages are available in the library

**Questions:**

- 1) What does the autocorrelation function measure?
  
  
  
  
  
  
  
  
  
  
- 2) What parameters can be determined from the autocorrelation function?
  
  
  
  
  
  
  
  
  
  
- 3) What does the cross correlation function measure?
  
  
  
  
  
  
  
  
  
  
- 4) What is MPE and what is the advantage of MPE for intracellular measurements?
  
  
  
  
  
  
  
  
  
  
- 5) What are the basic approaches for measuring single molecule FRET?